

AMENDMENTS TO THE CLAIMS

1. (Currently amended) A peptide comprising a compound having the general structural formula:

~~X₁-Trp-Gly-Gln-X₂~~

His-Gly-Val-Ser-Gly-Trp-Gly-Gln-His-Gly-Thr-His-Gly

or pharmaceutically acceptable salts, or ethers, or amides thereof,

~~wherein X₁ is absent or comprises no less than 1 amino acid, and~~

~~X₂ is absent or comprises no less than 1 aminoacid.~~

2. (Canceled)

3. (Canceled)

4. (Canceled)

5. (Previously presented) The peptide of claim 1 selected from the group consisting of His-Gly-Val-Ser-Gly-Trp-Gly-Gln-His-Gly-Thr-His-Gly (SEQ ID NO 1), His-Gly-Gly-Gly-Trp-Gly-Gln-Pro-His-Gly-Gly-Gly (SEQ NO 2), His-Gly-Gly-Gly-Trp-Gly-Gln-Gly-Gly-Thr-His-Gly (SEQ ID NO 3), His-Gly-Gly-Gly-Trp-Gly-Gln-Pro-His-Val-Gly-Gly (SEQ ID NO 4), His-Val-Gly-Gly-Trp-Gly-Gln-Pro-His-Gly-Gly-Gly (SEQ NO 5), Gln-Gly-Gly-Gly-Trp-Gly-Gln-Pro-His-Gly-Gly-Trp-Gly (SEQ ID NO 9), His-Gly-Gly-Gly-Trp-Gly-Gln-Pro-His-Gly-Gly-Trp-Gly (SEQ ID NO 10), and His-Gly-Gly-Trp-Gly-Gln-His-Gly-Gly-Trp-Gly (SEQ ID NO 11).

6. (Canceled)

7. (Previously presented) The peptide of claim 1, having antiproliferative and cytotoxic activity.

8. (Previously presented) The peptide of claim 1, having antitumoral activity.

9. (Previously presented) The peptide of claim 1, having antiviral activity.

10. (Currently amended) The peptide of claim 1, having ~~immunomodulating~~
interferonogenic activity.

11. (Canceled)

12. (Canceled)

13. (Canceled)

14. (Previously presented) A chemical compound having anti-proliferative, cytotoxic, antitumoral or antiviral activity, comprising the aminoacid sequence as defined in claim 1, wherein the chemical compound is not a natural peptide or protein.

15. (Previously presented) A pharmaceutical composition comprising the peptide of claim 1.

16. (Canceled)

17. (Previously presented) A pharmaceutical composition comprising the chemical compound of claim 14.

18. (Withdrawn) A nucleotide sequence coding any one of the peptides of claim 1.

19. (Withdrawn) A vector suitable for the expression of the peptides of claim 1 in a host cell which expresses said peptide after transformation.

20. (Withdrawn) A host cell transformed by the vector of claim 19.

Claims 21 to 26. (Canceled)